

**LISTING OF CLAIMS**

1. (original) A method of detecting Graves' disease or rheumatoid arthritis in a patient comprising obtaining a biological sample from the patient and measuring the binding of disease specific IgG with IGF-1 relative to a control wherein an elevated level of IgG IGF-1 binding relative to the control indicates Graves' disease or rheumatoid arthritis.
2. (original) The method of claim 1 wherein the measuring step is a determination of T-cell activation.
3. (original) The method of claim 2 wherein the determination measures a chemical marker expressed by activated T cells.
4. (original) The method of claim 3 wherein the marker is RANTES.
5. (original) The method of claim 3 wherein the marker is IC-16.
6. (original) The method of claim 2 wherein the determination is T-cell migration.
7. (original) The method of claim 1 wherein the patient is human.
8. (original) The method of claim 1 wherein the biological sample is selected from a group consisting of: blood, urine, synovial fluid, ascites, tissues.